

Docket No. AUS920000767US1

**CLAIMS:**

What is claimed is:

1. A method for filtering content, comprising:
  - 5 assigning point values to a plurality of keywords;  
receiving a first plurality of documents from a  
source;  
comparing text of each of the first plurality of  
documents with the plurality of keywords;  
10 calculating a score for each of the first plurality  
of documents based on the point values and the results of  
the comparison;  
calculating an first average of the scores for the  
first plurality of documents; and  
15 blocking access to the source if the first average  
score exceeds a threshold.
2. The method of claim 1, wherein the keywords and  
corresponding point values are stored in a keyword search  
20 table.
3. The method of claim 1, wherein the step of blocking  
access to the source comprises entering a known-block  
rule in a rules table, the known-block rule indicating  
25 that the source is to be blocked.
4. The method of claim 1, further comprising:
  - entering a known-safe rule in a rules table if the  
first average score does not exceed the threshold, the  
30 known-safe rule indicating that access to the source is  
to be permitted.

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5. The method of claim 1, further comprising:  
if the first average score does not exceed the  
threshold, performing the following steps:
- 5 receiving a second plurality of documents from  
a source;  
comparing text of each of the second plurality  
of documents with the plurality of keywords;  
calculating a score for each of the second  
10 plurality of documents based on the point values and  
the results of the comparison;  
calculating an second average of the scores for  
the second plurality of documents; and  
blocking access to the source if the second  
15 average score exceeds a threshold.
6. The method of claim 1, wherein the method is  
performed in a firewall.
- 20 7. A method for filtering content, comprising:  
assigning point values to a plurality of keywords;  
receiving a request for a document from a client;  
receiving the document from a source;  
comparing text of each of the plurality of documents  
25 with the plurality of keywords;  
calculating a score for the document based on the  
point values and the results of the comparison;  
determining if a decision interval has been reached;  
calculating an average score over the decision  
30 interval if the decision interval has been reached for  
the source; and

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blocking access to the source if the average score exceeds a threshold.

8. The method of claim 7, wherein the keywords and  
5 corresponding point values are stored in a keyword search table.

9. The method of claim 7, wherein the decision interval  
10 is a length of time.

10. The method of claim 7, wherein the decision interval  
is a number of documents.

11. The method of claim 7, wherein the step of blocking  
15 access to the source comprises entering a known-block rule in a rules table, the known-block rule indicating that the source is to be blocked.

12. The method of claim 7, further comprising:  
20 entering a known-safe rule in a rules table if the first average score does not exceed the threshold, the known-safe rule indicating that access to the source is to be permitted.

25 13. The method of claim 7, further comprising:  
passing the document to the client if the decision interval has not been reached.

14. The method of claim 7, further comprising:  
30 passing the document to the client if the first average score does not exceed the threshold.

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15. An apparatus for filtering content, comprising:  
assignment means for assigning point values to a plurality of keywords;
- 5 receipt means for receiving a first plurality of documents from a source;
- comparison means for comparing text of each of the first plurality of documents with the plurality of keywords;
- 10 calculation means for calculating a score for each of the first plurality of documents based on the point values and the results of the comparison;
- averaging means for calculating an first average of the scores for the first plurality of documents; and
- 15 blocking means for blocking access to the source if the first average score exceeds a threshold.
16. The apparatus of claim 15, wherein the keywords and corresponding point values are stored in a keyword search
- 20 table.
17. The apparatus of claim 15, wherein the blocking means comprises means for entering a known-block rule in a rules table, the known-block rule indicating that the
- 25 source is to be blocked.
18. The apparatus of claim 15, further comprising:  
means for entering a known-safe rule in a rules table if the first average score does not exceed the
- 30 threshold, the known-safe rule indicating that access to the source is to be permitted.

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19. The apparatus of claim 15, wherein the apparatus is in a firewall.

- 5 20. An apparatus for filtering content, comprising:  
assignment means for assigning point values to a plurality of keywords;  
first receipt means for receiving a request for a document from a client;  
10 second receipt means for receiving the document from a source;  
comparison means for comparing text of each of the plurality of documents with the plurality of keywords;  
calculation means for calculating a score for the  
15 document based on the point values and the results of the comparison;  
determination means for determining if a decision interval has been reached;  
averaging means for calculating an average score  
20 over the decision interval if the decision interval has been reached for the source; and  
blocking means for blocking access to the source if the average score exceeds a threshold.

- 25 21. The apparatus of claim 20, wherein the keywords and corresponding point values are stored in a keyword search table.

22. The apparatus of claim 20, wherein the decision  
30 interval is a length of time.

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23. The apparatus of claim 20, wherein the decision interval is a number of documents.

24. The apparatus of claim 20, wherein the blocking  
5 means comprises means for entering a known-block rule in a rules table, the known-block rule indicating that the source is to be blocked.

25. The apparatus of claim 20, further comprising:  
10 means for entering a known-safe rule in a rules table if the first average score does not exceed the threshold, the known-safe rule indicating that access to the source is to be permitted.

26. The apparatus of claim 20, further comprising:  
15 means for passing the document to the client if the decision interval has not been reached.

27. The apparatus of claim 20, further comprising:  
20 means for passing the document to the client if the first average score does not exceed the threshold.

28. A computer program product, in a computer readable medium, for filtering content, comprising:  
25 instructions for assigning point values to a plurality of keywords;  
instructions for receiving a first plurality of documents from a source;  
instructions for comparing text of each of the first  
30 plurality of documents with the plurality of keywords;  
instructions for calculating a score for each of the

first plurality of documents based on the point values  
and the results of the comparison;

instructions for blocking access to the source if the first average score exceeds a threshold.

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        instructions for assigning point values to a
plurality of keywords;

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        instructions for receiving the document from a
source;

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instructions for calculating a score for the document based on the point values and the results of the comparison;

instructions for calculating an average score over the decision interval if the decision interval has been reached for the source; and

instructions for blocking access to the source if the average score exceeds a threshold.